HAYDEN GULCH QUADRANGLE OPEN FILE REPORT 79-1395 UNITED STATES COLORADO-ROUTT CO. PLATE 30 OF 41 DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY SE/4 DAYTON PEAK 15' QUADRANGLE 4564 IV NE (HAYDEN) R. 88 W. 107° 22′ 30″ 107° 15′ 40° 22′ 30″ R. 89 W. EXPLANATION 40° 22′ 30″ 20 21 19 7440 24 ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred. Isopach interval 1 foot. <del>---</del>7500 ----7400 — — — — STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 100 feet. Short dashed where projected above ground surface. Contour interval 100 feet (31 m). Datum is mean sea level 27 28 29 30 mean sea level. ▲ 7440 4.5 25 26 27 POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Includes all points of measurement other than drill holes. UGK[16] - Upper Coal Group, zone K, coal bed [16] COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only. 34 32 33 31 TRACE OF COAL BED OUTCROP - Showing symbol 36 of name of coal bed as listed above. 35 34 Arrow points toward coal-bearing area. Short dashed where projected by present To convert feet to meters, multiply feet by 0.3048. T. 5 N. T. 5 N. T. 4 N. 20' -- 20' 10 12 10 11 16 14 15 17 18 13 14 15 21 20 19 24 23 22 17'30" 27 28 30 29 26 34 33 32 35 31 T. 4 N. T. 3 N. 11 12 40° 15' 107° 15' Compiled in 1979 40° 15′ 107° 22′ 30″ R. 89 W. R. 88 W. SCALE 1:24 000 Base from U.S. Geological Survey, 1971 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards or COLORADO stratigraphic nomenclature. UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE HAYDEN GULCH QUADRANGLE, ROUTT COUNTY, COLORADO

BY DAMES & MOORE 1979 PLATE 30

ISOPACH AND STRUCTURE CONTOUR
MAP OF THE UPPER COAL GROUP ZONE K,
COAL BED [16]